

[myMicrochip Login](#) | [English](#) | [Chinese](#) | [Japanese](#)

Search



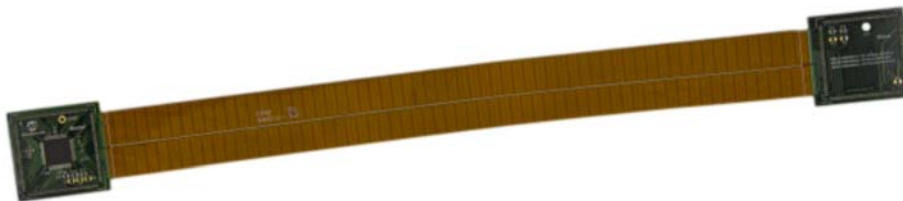
- [Home](#)
- [Products](#)
- [Design](#)
- [Support](#)
- [Applications](#)
- [Buy/Sample](#)
- [Corporate](#)
- [What's New](#)

[Home](#) ▶ [Products Home Page](#) ▶ [Development Tools Main Page](#) ▶**Other Links**

- [Buy/Sample Options
MA330027](#)
- [Contact Microchip](#)
- [Development Tool Selector](#)
- [Microchip Advanced Parts
Selector \(MAPS\)](#)

Dual Motor Control Plug-in-Module [Buy it Now](#)

Part Number: MA330027



The dsPIC33EP512MU810 Dual Motor Control Plug-In Module (PIM) is designed to facilitate the development of Motor Control applications using two motors and one Digital Signal Controller (DSC). Two Microchip dsPICDEM™ motor control development boards can be used with this PIM to control 3-phase BLDC, PMSM, ACIM or 2-phase stepper motors. A flexible cable connects the two boards together and routes all signals to the appropriate pins on the DSC. The configuration of the cable and signals was carefully chosen to support a wide range of dual motor configuration application notes written for the dsPICDEM™ MCLV, MCHV, and MCSM Development Boards.

Note: For the use of this PIM with the MCHV Development Board (DM330023), Rev 4 or earlier version of the Development board must be upgraded to support the dsPIC33E Family of Devices. Please contact your Microchip Applications Engineer to obtain this free upgrade.

Downloads

Title	Date Published	Size	D/L
Dual Motor Control Plug-In Module (PIM) Information Sheet	6/27/2011 3:46:14 PM	236 KB	
Dual Motor Control Plug-In Module (PIM) Source Code	8/9/2011 10:01:19 AM	1369 KB	
Technical Notice ETN 33	6/30/2011 6:28:30 PM	271 KB	